

# Chemistry Grade 11

University Preparation

SCH3U

SEMESTER TWO  
2010Prerequisite: **Science, Grade 10 Academic**

## Course Overview:

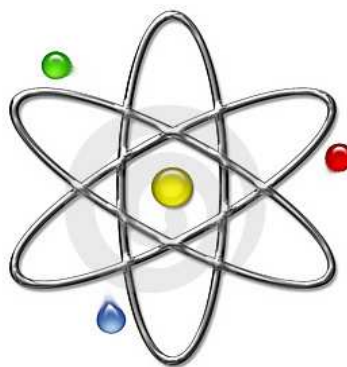
This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

## Assessment and Evaluation

Assessment is the ongoing process of collection information about student achievement. A variety of assessment tools will be used. Assessment may be diagnostic, formative or summative. Diagnostic and formative assessments do not carry a mark weight. Summative assessments count towards the final mark. Student achievement

will be communicated formally to students and parents.

Seventy percent of the grade will be based on evaluations conducted throughout the course; thirty percent will be based on a final examination and a summative task. The evaluation of Learning Skills will be reported on with a letter grade



(E, C, S, and N). Students will find that concentrating on these skills will result in a high level of success in meeting the course expectations. Any assignments or labs must be submitted at the

## UNITS OF STUDY

Matter, Chemical Trends, and Chemical Bonding

Chemical Reactions

Quantities in Chemical Reactions

Solutions and Solubility

Gases and Atmospheric Chemistry

## COURSE EVALUATION

Application	20%
Thinking & Investigation	20%
Communication	10%
Knowledge & Understanding	20%
Summative	10%
Final Examination	20%
<b>Total</b>	<b>100%</b>

## Tips for Success in Senior Science

- 1. Respect the learning environment.** The time you spend in class each day is your best opportunity to grasp new concepts, get a head start on your homework, and ask questions. Be sure to maximize this time.
- 2. Take an interest in the subject matter.** The more connections you can make with the material you study, the easier it will be to motivate yourself.
- 3. Keep an agenda.** It is crucial that you keep track of upcoming deadlines in all subjects and manage your time accordingly.
- 4. Take initiative.** Sometimes this will mean finding the appropriate resources in order to answer the question yourself.
- 5. Limit your outside commitments.** Do not take on more than you can handle during the year.
- 6. Maintain your character.** Be honest with your teachers and your parents, and respect your fellow students' right to learn.
- 7. Set aside time each day** to complete homework, start projects, and review your notes in a distraction free environment.
- 8. Have fun!!!**